

## **Atlanta Regional Commission uses oblique imagery to help New Orleans recovery efforts**

ARC has been a pioneer in the use of oblique imagery. ARC also maintains its own 168,000 segment street database. Through a pilot project, ARC received a USGS / NGA Homeland Security grant to purchase region wide imagery. As a result, the Atlanta Region is the first major metropolitan region in the nation to enhance Homeland Security by combining its updated street data with high resolution oblique imagery for 9-1-1 Call Centers and emergency response. ARC uses the high resolution imagery to improve RC data inventory efforts by reducing field data collection. The seemingly small improvement of imagery taken at an oblique angle has had a disproportionate effect on GIS use in the Region. The easy-to-use imagery is significantly increasing the number of GIS users in the Region with a corresponding increase in demand for comprehensive and up to date GIS data. Since ARC had experience with oblique imagery and GIS, it was able to help the recovery effort in New Orleans through USGS and the NASA Regional Application Center (RAC) by printing imagery overlaid with GIS data and GPS reference grids for first responder field use.

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